

Amendments to the Claims:

Please amend claims 1, 4, 6 and 7 as follows. Please cancel claims 3 and 9-15 without prejudice to continued prosecution. The claims and their status are shown below.

1. (Currently amended) An isolated antisense oligonucleotide consisting essentially of 10 to 50 nucleotides, wherein said oligonucleotide specifically hybridizes within an accessible region of TRPC4 mRNA, said region defined by nucleotides 43 through 86, ~~325 through 342, 438 through 461, 624 through 641, 928 through 949, 1123 through 1132, 1190 through 1209, 1433 through 1450, 1806 through 1824, 2313 through 2331, 2499 through 2512, or 2855 through 2875~~ of SEQ ID NO:1, and wherein said oligonucleotide inhibits the production of TRPC4.

2. (Original) A composition comprising the isolated antisense oligonucleotide of claim 1.

3. (Canceled)

4. (Currently amended) A nucleic acid construct comprising a regulatory element operably linked to a nucleic acid encoding a transcript, wherein said transcript consists essentially of 10 to 50 nucleotides and specifically hybridizes within ~~one or more an~~ accessible ~~regions~~ region of TRPC4 mRNA in its native form, wherein said accessible region is defined by nucleotides 43 through 86 of SEQ ID NO:1.

5. (Original) A host cell comprising the nucleic acid construct of claim 4.

6. (Withdrawn—Currently Amended) A method of decreasing production of TRPC4 in cells or tissues, comprising contacting said cells or tissues with the isolated ~~the isolated~~ antisense oligonucleotide of claim 1 ~~that specifically hybridizes within an accessible region of TRPC4.~~

7. (Currently amended) An isolated antisense oligonucleotide that specifically hybridizes within an accessible region of TRPC4 mRNA in its native form, wherein said accessible region is defined by nucleotides 43 through 86 of SEQ ID NO:1, and wherein said antisense oligonucleotide inhibits the production of TRPC4.

8. (Withdrawn) A method for modulating pain in a mammal, said method comprising administering the isolated antisense oligonucleotide of claim 7 to said mammal.

9-15. (Canceled)